

CLAIMS

I claim:

1. A transversely moving cable control, for controlling a cable, said cable having a portion within said transversely moving cable control, segments outside said transversely moving cable control, and original positions for all portions and segments of said cable before said transversely moving cable control has been activated, which comprises:

a means for transversely moving the portion of a cable which is within the transversely moving cable control to create a pulling force upon one or both ends of said cable; and

a means for maintaining the segments of said cable which are outside the transversely moving cable control substantially in the original positions of such segments.

2. A transversely moving cable control, which comprises:

a substantially U-shaped housing having a cable guide mounted near a first end of each leg of said housing to maintain the portion of the cable which lies outside the housing in substantially the original position of the cable; and

a means for transversely moving the portion of a cable which is within the transversely moving cable control to create a pulling force upon one or both ends of the cable.

3. The transversely moving cable control as recited in claim 2, wherein:

said housing contains an aperture through which a secondary cable passes before being attached to a block; and

the means for transversely moving the cable comprises a block having a pulley over which the cable passes so that as the block is drawn by the secondary cable toward the aperture in the housing, the cable is moved substantially transversely to the original path of the cable.

4. A transversely moving cable control, which comprises:

a substantially U-shaped housing having a first leg adapted for attachment of a cable and having a cable guide mounted near a first end of a second leg of said housing to maintain the portion of the cable which lies outside the housing in substantially the original position of the cable; and

6 a means for transversely moving the portion of a cable which is within the
7 transversely moving cable control to create a pulling force upon one or both ends of the
8 cable.

1 5. The transversely moving cable control as recited in claim 4, wherein:
2 said housing contains an aperture through which a secondary cable passes before
3 being attached to a block; and

4 the means for transversely moving the cable comprises a block having a pulley
5 over which the cable passes so that as the block is drawn by the secondary cable toward
6 the aperture in the housing, the cable is moved substantially transversely to the original
7 path of the cable.

1 6. A transversely moving cable control for controlling a cable, said cable having
2 segments in original positions before said transversely moving cable control has been activated,
3 which comprises:

4 a hollow base plate to maintain the segments of a cable which lie outside the
5 transversely moving cable control in substantially the original positions of such segments
6 of said cable; and

7 a means for transversely moving an intermediate portion of said cable to create a
8 pulling force upon one or both ends of said cable and for maintaining a second segment
9 of said cable which lies outside the transversely moving cable control in substantially the
10 original position of such second segment of said cable.

11 7. The transversely moving cable control as recited in claim 6, wherein the means
12 for transverse movement and maintaining said second segment in substantially the original
13 position of such cable comprises:

14 a cable guide attached to said hollow base plate to maintain the segment of a cable
15 which lies outside said hollow base plate beyond said cable guide in substantially the
16 original position of the cable;

17 a lever rotatably attached to said hollow base plate;

18 a pulley, said pulley having a pivot, attached to said lever across which pulley the
19 cable runs so that when the lever is rotated away from said base plate, the pulley exerts a

20 transverse force on the cable which causes the cable to move in a transverse direction
21 creating said pulling force on one or both ends of the cable; and

22 an exit aperture in said lever to maintain the segment of the cable which lies
23 outside said hollow base plate beyond said exit aperture in substantially the original
24 position of the cable.

25 8. The transversely moving cable control as recited in claim 7, wherein:
26 said pulley is removably attached to said lever.

1 9. The transversely moving cable control as recited in claim 7, further comprising:
2 a channel in the lever within which the pivot of said pulley can be releasably
3 fastened, released, moved, and releasably fastened again.

1 10. A transversely moving cable control for controlling a cable, said cable having
2 segments in original positions before said transversely moving cable control has been activated
3 and said cable having a first end, which comprises:

4 a hollow base plate to maintain the segments of a cable which lie outside the
5 transversely moving cable control in substantially the original positions of such segments
6 of said cable; and

7 a means for transversely moving an intermediate portion of said cable to create a
8 pulling force upon one or both ends of said cable, said means for transverse movement
9 being adapted for attachment of the first end of said cable.

10 11. The transversely moving cable control as recited in claim 10, wherein the means
11 for transverse movement adapted for attachment of the first end of the cable comprises:

12 a cable guide attached to said hollow base plate to maintain the segment of a cable
13 which lies outside said hollow base plate beyond said cable guide in substantially the
14 original position of the cable;

15 a lever adapted for attachment of the first end of the cable and rotatably attached
16 to said hollow base plate; and

17 a pulley, said pulley having a pivot, attached to said lever across which pulley the
18 cable runs so that when the lever is rotated away from said base plate, the pulley exerts a
19 transverse force on the cable which causes the cable to move in a transverse direction
20 creating said pulling force on one or both ends of the cable.

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- 1 12. The transversely moving cable control as recited in claim 11, wherein:
2 said pulley is removably attached to said lever.
- 1 13. The transversely moving cable control as recited in claim 11, further comprising:
2 a channel in the lever within which the pivot of said pulley can be releasably
3 fastened, released, moved, and releasably fastened again.
- 1 14. A process for exerting a control force at one or more ends of a cable, said cable
2 having an intermediate portion and outer segments in original positions before said process
3 commences, which comprises:
4 transversely moving an intermediate portion of said cable to create a pulling force
5 upon one or both ends of said cable; and
6 simultaneously maintaining the outer segments of said cable substantially in the
7 original positions of such segments.